

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 05/11/98

Date Received: 04/16/98

Project: Metro Self-Monitor, PO# M10726

Date Samples Extracted: 05/08/98

Date Extracts Analyzed: 05/08/98

**RESULTS FROM THE ANALYSIS OF THE WATER SAMPLE
FOR CHROMIUM, COPPER, NICKEL, ZINC
USING METHOD 6010**

Samples Processed Using Method 3005A

Results Reported as mg/L (ppm)

<u>Sample ID</u>	<u>Chromium</u>	<u>Copper</u>	<u>Nickel</u>	<u>Zinc</u>
M10726	0.22	0.27	0.35	0.06
Method Blank	<0.05	<0.05	<0.05	<0.05

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 05/11/98

Date Received: 04/16/98

Project: Metro Self-Monitor, PO# M10726

QUALITY ASSURANCE RESULTS FOR TOTAL METALS BY INDUCTIVELY COUPLED PLASMA (ICP) (METHOD 6010)

Laboratory Code: 804093-01 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
Chromium	mg/L (ppm)	0.22	0.18	20	0-20
Copper	mg/L (ppm)	0.27	0.26	4	0-20
Nickel	mg/L (ppm)	0.35	0.34	3	0-20
Zinc	mg/L (ppm)	0.06	0.07	15	0-20

Laboratory Code: 804093-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	% Recovery MS	% Recovery MSD	Acceptance Criteria	RPD
Chromium	mg/L (ppm)	5	0.22	90	94	80-120	4
Copper	mg/L (ppm)	5	0.27	91	91	80-120	0
Nickel	mg/L (ppm)	10	0.35	88	90	80-120	2
Zinc	mg/L (ppm)	5	0.06	91	92	80-120	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	% Recovery LCS	% Recovery LCSD	Acceptance Criteria	RPD
Chromium	mg/L (ppm)	5	102	103	80-120	1
Copper	mg/L (ppm)	5	100	105	80-120	5
Nickel	mg/L (ppm)	10	104	107	80-120	3
Zinc	mg/L (ppm)	5	103	104	80-120	1

8040 93

CS AI
MM 4.16.98
1 Am

SAMPLE CHAIN OF CUSTODY

Alaskan Copper Worker Contact Gerald Thompson
628 Hammond ST
Seattle WA 98134
(206) 382-8379 FAX # (206) 382-4309 Date 4-16-98

PURCHASE ORDER #

7238

Metro Self Monitor

M 10726


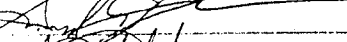
PROJECT LOCATION

3200 6th Ave S

SAMPLE DISPOSAL INFORMATION

☐ Dispose after 30 days
☒ Return Samples
☐ Call for Instructions

[illegible]

SIGNATURE	PRINT NAME	COMPANY	Date	Time
 Received by:	Gerald Thompson	Aew	4/16/98	12:52pm
 Received by:	MANUEL MARTI	FBI	4-16-98	12:52pm
Received by:				

06/09/97

AKC-0010981

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Jensen, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

May 11, 1998

DUPLICATE COPY

INVOICE #98ACU0511-3

Accounts Payable
Alaskan Copper Works
628 South Hanford St.
Seattle, WA 98134

RE: Project Metro Self-Monitor, PO# M10726: Results of testing requested
by Gerry Thompson for material submitted on April 16, 1998.

1 water sample analyzed for
Chromium, Copper, Nickel, and Zinc
using Method 6010 @ \$65 per sample

\$ 65.00

Amount Due

\$ 65.00

FEDERAL TAX ID (b) (6)

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Jensen, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

May 11, 1998

Gerry Thompson, Project Manager
Alaskan Copper Works
628 South Hanford St.
Seattle, WA 98134

Dear Mr. Thompson:

Included are the results from the testing of material submitted on April 16, 1998 from your Metro Self-Monitor, PO# M10726 project. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Manuel Marti
Project Manager

Enclosures
ACU0511R.DOC